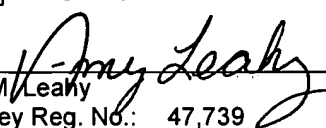
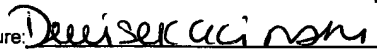
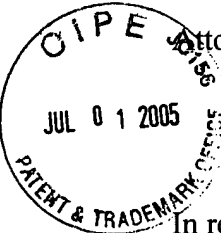




07-05-02

AF/2W  
1651

AMENDMENT TRANSMITTAL LETTER				Docket No. 62030(51588)	
Application No. 10/038,891-Conf. #8813		Filing Date January 2, 2002		Examiner D. M. Naff	
				Art Unit 1651	
Applicant(s): Jeffrey Borenstein et al.					
Invention: TISSUE ENGINEERING OF THREE-DIMENSIONAL VASCULARIZED USING MICROFABRICATED POLYMER ASSEMBLY TECHNOLOGY					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	30	- 37 =		x	
Independent Claims		- 3 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					0.00
<input type="checkbox"/> Large Entity <input checked="" type="checkbox"/> Small Entity					
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>04-1105</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 Amy M. Leahy Attorney Reg. No.: 47,739				Dated: <u>July 1, 2005</u>	
EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, MA 02205 (203) 975-7505					
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV722914018US, in an envelope addressed to: MS After Final, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.					
Dated: July 1, 2005		Signature:  (Denise Kacinski)			



Attorney Ref. No. 51588-62030

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Borenstein et al.      Confirmation No.      8813  
U.S. Serial No.      10/038,891      Examiner:      Naff, David M  
Filed:      January 02, 2002      Group Art Unit:      1651  
For:      ENGINEERING OF THREE DIMENSIONAL VASCULARIZED  
TISSUE USING MICROFABRICATED POLYMER ASSEMBLY  
TECHNOLOGY

---

**CERTIFICATE OF EXPRESS MAIL**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service in an envelope addressed to MS AF, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee" Mailing Label No. EV722914018US on July 1, 2005.

Date: July 1, 2005

*Denise Kacinski*  
Denise Kacinski

---

Mail Stop After Final  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE AND AMENDMENT PURSUANT TO 37 C.F.R. §1.116**  
**WITH REQUEST FOR AN INTERVIEW**

Sir:

This paper is submitted in response to the Final Office Action mailed on April 1, 2005.